

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)		Cross over isolation (dB) (between LPF and HPF)	RETURN LOSS (dB)		
	Lowpass port	Highpass port		Common port	Lowpass port	Highpass port
10	0.00	74.44	78.36	45.50	48.56	0.00
20	0.00	74.16	78.97	49.87	49.63	0.00
50	0.00	100.53	80.75	51.42	50.41	0.00
60	0.01	84.20	89.73	47.10	46.80	0.00
70	0.01	90.57	81.95	46.40	45.53	0.00
80	0.01	84.12	85.98	47.02	45.32	0.00
90	0.01	94.19	96.26	45.30	44.67	0.00
100	0.01	91.75	89.58	43.11	43.23	0.00
150	0.02	100.36	100.48	39.52	39.37	0.00
160	0.02	90.07	83.90	39.47	38.84	0.00
180	0.02	86.37	84.01	38.40	38.18	0.00
200	0.02	87.25	101.00	37.43	37.43	0.00
220	0.02	95.06	96.21	36.44	36.70	0.00
230	0.02	94.62	92.59	36.05	36.32	0.00
250	0.02	91.43	86.70	35.57	35.51	0.00
260	0.03	85.96	88.72	35.22	35.07	0.00
280	0.03	86.30	91.59	34.69	34.79	0.00
300	0.03	99.40	87.33	34.29	34.29	0.00
320	0.03	90.15	94.44	33.80	33.95	0.00
340	0.03	88.10	94.90	33.43	33.58	0.00
350	0.03	89.91	90.61	33.23	33.33	0.00
360	0.04	97.38	98.01	33.01	33.24	0.00
370	0.04	99.52	83.72	32.92	33.06	0.00
380	0.04	103.04	110.10	32.87	32.93	0.00
390	0.04	92.15	89.76	32.76	32.77	0.00
400	0.04	91.21	89.59	32.68	32.64	0.01
420	0.04	93.62	83.75	32.61	32.68	0.00
440	0.04	99.89	111.72	32.36	32.45	0.01
460	0.05	98.97	91.28	32.27	32.40	0.01
480	0.05	89.20	90.63	32.12	32.31	0.01
490	0.05	93.25	100.06	32.11	32.24	0.01
500	0.05	104.05	100.79	32.24	32.18	0.01
520	0.05	94.82	94.85	32.31	32.25	0.01
540	0.05	99.22	95.60	32.48	32.44	0.01
560	0.05	100.66	96.74	32.51	32.63	0.01
580	0.05	95.53	104.94	32.53	32.60	0.01
600	0.06	97.30	97.31	32.69	32.65	0.01
620	0.06	89.32	96.71	32.93	32.82	0.02
640	0.06	100.89	91.51	33.33	33.09	0.01
680	0.06	96.54	91.40	34.07	33.75	0.02
700	0.06	97.08	93.35	34.34	34.05	0.02
1000	0.08	86.87	85.41	32.88	32.09	0.04
1200	0.10	84.89	86.82	25.75	25.77	0.06
1400	0.12	86.87	83.74	22.36	22.46	0.08
1800	0.14	105.33	92.96	22.42	22.19	0.12
2000	0.14	84.90	87.07	26.44	25.18	0.15
2500	0.19	60.03	60.30	22.32	22.18	0.19
3000	0.25	29.06	29.74	24.36	24.21	0.22
3500	7.91	1.87	10.35	10.25	1.89	8.21
4000	29.45	0.25	29.33	25.67	0.25	25.21
4500	43.37	0.22	43.48	21.11	0.16	22.23
4600	45.92	0.22	45.95	20.95	0.14	22.29
5000	55.01	0.17	54.82	24.76	0.10	28.09
5500	64.08	0.16	64.17	30.90	0.06	30.23
6000	72.90	0.18	73.93	22.53	0.02	22.66
6500	81.00	0.18	79.79	21.45	0.01	22.67
7000	88.95	0.16	89.78	23.17	0.05	26.96
7200	89.72	0.15	92.07	23.84	0.07	29.07
7500	95.35	0.16	96.15	23.30	0.09	27.04
8000	98.69	0.19	100.27	19.60	0.13	20.48